

Amendments to the Specification

Please replace the paragraph on page 10, line 18 to page 11, line 9 with the following amended paragraph:

Referring to Figs. 1 to 3, the liquid feed system includes a liquid chromatograph pump for sucking eluent 2 from an eluent reserving or holding container 21 by way of a degasser 3, a low pressure pump 4 and an suction pipe line 5, an injector 50 receiving the eluent discharged from the liquid chromatograph pump, for injecting a sample to be analyzed by way of a change-over valve 6 and discharge pipe lines 7a, 7b, a column 51 charged therein with silica gel micro particles, a detector 52 for analyzing each of eluted components, a controller 55 for delivering drive signals to motors 21, 31 for driving the pumps, a pressure sensor 60 provided in the liquid chromatograph pump 10 for detecting a pressure, and delivering a detection signal thereof to the controller 55, a pressure control valve 41 for regulating a discharge pressure of the low pressure pump 4, a bypass pipe line 61 communicating the discharge pipe line 7a to the eluent reserving container 1 by way of the change-over valve 6.

Please replace the paragraph on page 11, line 14 to page 12, line 5 with the following amended paragraph:

The pump body 11 is formed therein with a suction passage 12, a first cylinder 13, a second cylinder 14 and a discharge passage 15, and a first plunger 16 and a second plunger 17 are slidably accommodated in the first cylinder 13 and the second cylinder 14, being held by means of bearings 24, 34, respectively. An intake valve 1318 is incorporated in the intake passage 12, and a discharge valve 19 is incorporated in an intermediate passage communicating between the first cylinder 13 and the second cylinder 14. These valves are urged in one direction by means of springs, respectively, so as to constitute check valves for limiting the flowing direction of the eluent. That is, the spring urges the intake valve 18 and the discharge valve

19 so that the intake valve 18 is opened overcoming its associated spring when the first pump carries out its intake stroke, and the discharge valve is opened overcoming its associated spring when the first pump carries out its discharge stroke.